

Express 960 E3 Non-Intrusive In-Circuit Emulator



- Non-Intrusive Real-Time Operation Up to 40 MHz
- On-Chip I-Cache Program Reconstruction
- Integrated In-Circuit Emulator and Windowed High-Level Debugger
- 32K Deep Trace Buffer
- Hardware and Software Breakpoints
- Powerful Logic and Performance Analysis
- Large (Up to 8 Mbyte) Overlay Memory
- High-Speed Program Download to Host
- Remote Debugging via Ethernet
- Low-Level Monitor Control Capability
- Supports Intel's CTOOLS960, STEP's SGCC960 and Microtec's MCC960 Compilers
- Full Turnkey Solution Includes Integration to Target System

The STEP Express 960 E3 emulator provides a full-featured development platform for designing Intel i960[®] Cx processor based systems. In addition to all of the product capabilities of the Express 960 emulator (refer to separate entry in this catalog), the Express 960 provides many advanced debugging features and non-intrusive, real-time in-circuit emulation of the i960 Cx processor's operation at speeds up to 40 MHz.

Combined with STEP's SDEBUG (Windows 3.1) or STEPGuide (XWindow/Motif) debugger, the Express 960 emulator gives the designer the ability to develop even the most complex embedded applications.

The Express 960, with multi-level triggering, range breakpoints and time tagging, now becomes an integrated logic analyzer. Long execution histories based on complex conditions can be captured using selective store control.

Additionally, performance analysis allows program profiling as well as cache performance monitoring. This package includes features to measure and identify performance bottlenecks. These features include event and inclusive/exclusive histograms and min/mean/max execution statistics.

The Express 960 represents a powerful combination of hardware and software debugging tools available stand-alone or as part of a turnkey system.

HOST SYSTEMS SUPPORTED:
PC/AT, Sun-4, RS/6000, PS/2, Custom

PROCESSORS SUPPORTED:
i960 Cx/Jx/Hx Processors

CONTACT:

STEP Engineering

Sales Department

661 E. Arques Ave.

Sunnyvale, CA 94086

Phone: (408) 733-7837

(800) 538-1750

FAX: (408) 773-1073

e-mail: email@stepeng.com

For international contacts see Appendix B.